

AMENDMENTS TO THE CLAIMS

6. (Currently amended) A method for driving a discharge lamp, comprising:
- (a) converting a DC signal into an AC signal;
 - (b) filtering the AC signal to the discharge lamp;
 - (c) oscillating the converted DC signal such that the AC signal has a frequency based on a resonant frequency of said lamp; and
 - (d) sensing a full wave current flowing through said lamp without the use of a sense capacitor connected to a terminal of said lamp.